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Environmental Response Act
(Act 307)

Candidate Site Description

I. General Information:

Site Name and Location

Hi-Mill Manufacturing
1074 Highland Road
Highland, Michigan 48031

County: Oakland
Township & Range: 3N-7E
DNR District: Detroit

SAS Location #:

63-03N-07E-23AB

SAS Score:

608

II. Description

The Hi-Mill Manufacturing site is located on Highland Road (M-59) east of Highland, Oakland County, Michigan in a largely rural area. This facility is a metal fabricating plant which fabricates aluminum and copper parts. Wastewater in the past was discharged to a lagoon which on occasion overflowed to a small nearby swail. Such overflows were documented in December 1976, November 1977, and April 1978. Samples collected in the adjacent swail, which connects to Waterbury Lake, has shown high levels of nitrates, copper, aluminum, zinc, and chrome. The lakeshore waters have shown elevated nitrate, copper, nickel, and aluminum which indicated movement of contaminants to Waterbury Lake.

In 1981, the Department of Natural Resources conducted a hydrogeological study at this facility. Elevated levels of aluminum, copper, chromium and zinc were detected to the east and southeast of the lagoon. Somewhat less elevated levels of these metals were detected to the northeast of the lagoon, near the edge of the Hi-Mill parking lot. Each of these wells was in or adjacent to the marsh in the direction of groundwater flow from the Hi-Mill property.

The company no longer discharges to the lagoon, however the lagoon (approximately 30 ft. in diameter and 8-10 ft. deep) still remains. There are no known residential wells contaminated.

date: 11-17-83
by: BMM